

## Climate Control, Comfort Climatronic , (9AQ)

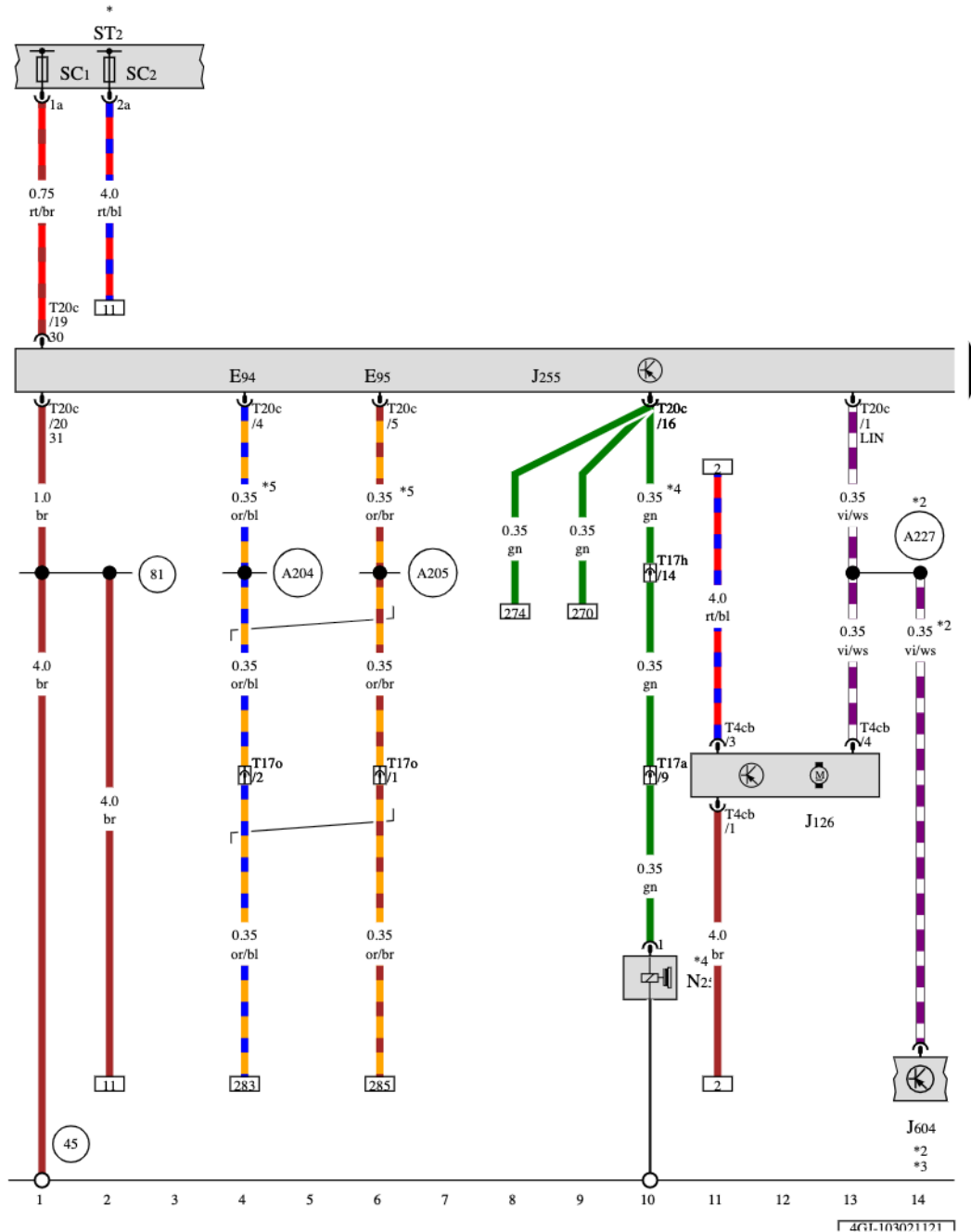
From September 2014



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Fresh Air Blower Control Module, Climatronic Control Module, A/C Clutch



- E94 Heated Driver Seat Adjuster
- E95 Heated Front Passenger Seat Adjuster
- J126 Fresh Air Blower Control Module
- J255 Climatronic Control Module
- J604 Auxiliary Heater Control Module
- N25 A/C Clutch
- SC1 Fuse 1 (On Fuse Panel C)
- SC2 Fuse 2 (On Fuse Panel C)
- ST2 Fuse Panel 2
- T4cb 4-Pin Connector
- T17a 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, White
- T17h 17-Pin Connector, In the Left A-Pillar Connector Station, Red
- T17o 17-Pin Connector, In the Connector Station, Right A-Pillar
- T20c 20-Pin Connector

- 45 Ground Connection Behind Instrument Panel, Center
- 81 Ground Connection 1 (in Instrument Panel Wiring Harness)
- A204 Instrument Cluster CAN Bus High Connection (in Instrument Panel Wiring Harness)
- A205 Instrument Cluster CAN Bus Low Connection (in Instrument Panel Wiring Harness)
- A227 LIN Bus Connection 2 (in Instrument Panel Wiring Harness)

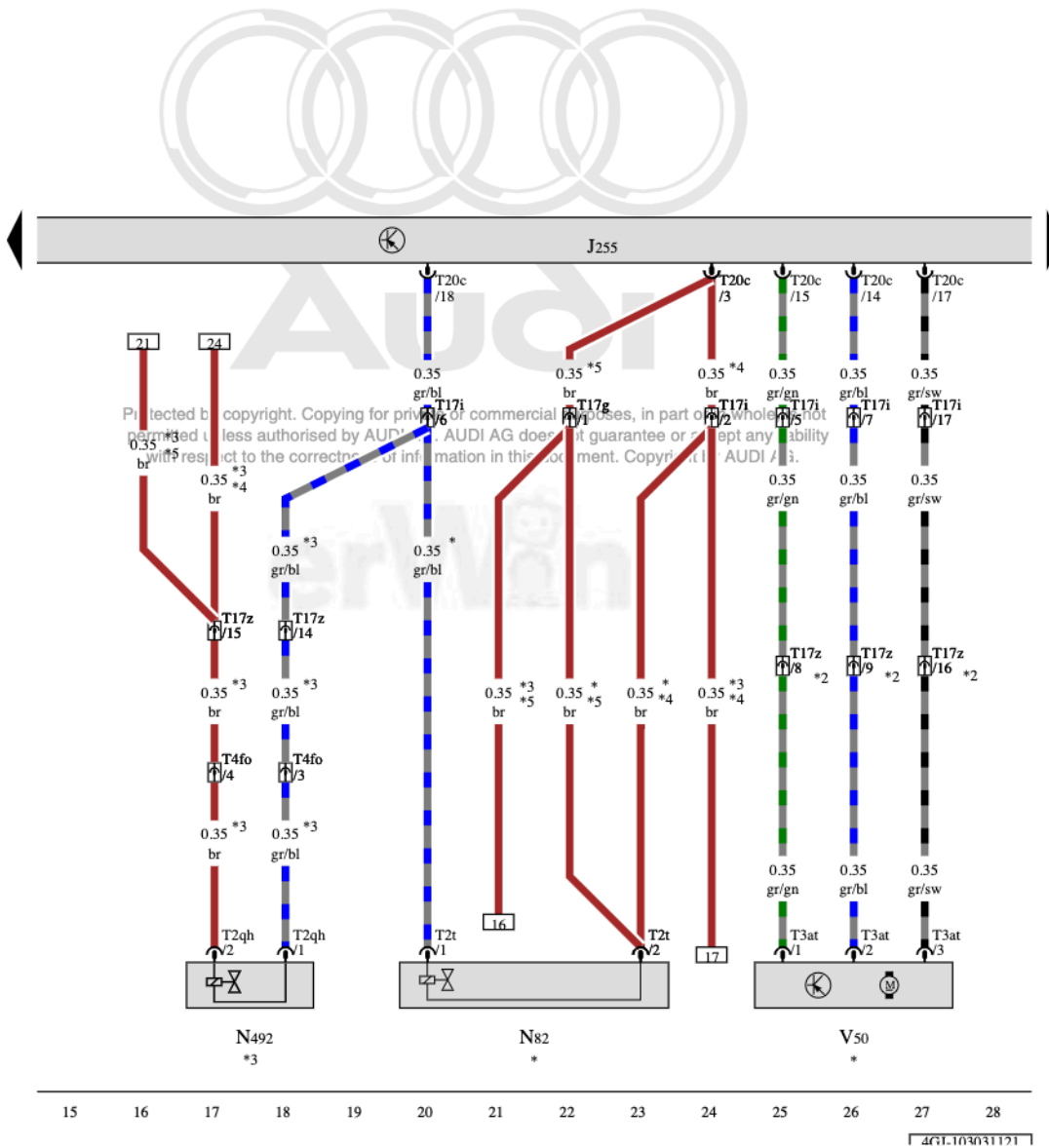
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- \* Refer to Applicable Wiring Diagram for Fuse Positions
- \*2 For Vehicles with Hybrid Drive
- \*3 Refer to Applicable Engine Wiring Diagram
- \*4 Depending on Equipment
- \*5 Data Bus Wire (CAN Bus)

ws = white  
 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = lilac  
 vi = lilac  
 ge = yellow  
 or = orange  
 rs = pink

Climatronic Control Module, Coolant Shut-Off Valve, Cooling Circuit Solenoid Valve, Coolant Recirculation Pump

- J255 Climatronic Control Module
- N82 Coolant Shut-Off Valve
- N492 Cooling Circuit Solenoid Valve
- T2qh 2-Pin Connector
- T2t 2-Pin Connector
- T3at 3-Pin Connector
- T4fo 4-Pin Connector, In the Engine/Motor Compartment, Left
- T17g 17-Pin Connector, In the Connector Station, Right A-Pillar
- T17i 17-Pin Connector, In the Left A-Pillar Connector Station
- T17z 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, Brown
- T20c 20-Pin Connector
- V50 Coolant Recirculation Pump
- \* For Vehicles Without Parking Heater
- \*2 For Vehicles with a 2.0L Engine
- \*3 For Vehicles with Hybrid Drive
- \*4 For LHD Vehicles
- \*5 For RHD Vehicles

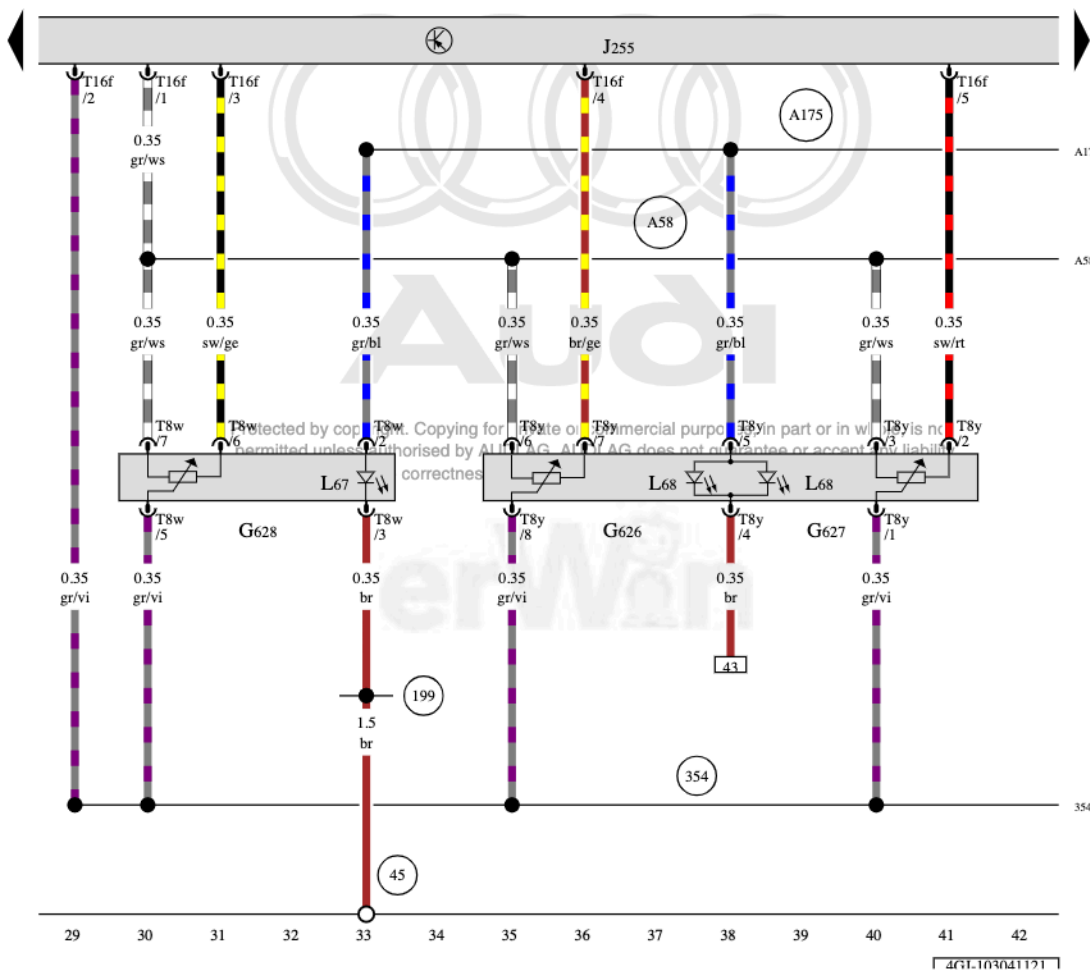


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Position Sensor in Left Center Vent, Position Sensor in Left Side Vent, Climatronic Control Module

- G626 Position Sensor in Left Center Vent
- G627 Position Sensor in Right Center Vent
- G628 Position Sensor in Left Side Vent
- J255 Climatronic Control Module
- L67 Left Instrument Panel Vent Illumination Bulb
- L68 Center Instrument Panel Vent Illumination Bulb
- T8w 8-Pin Connector
- T8y 8-Pin Connector
- T16f 16-Pin Connector

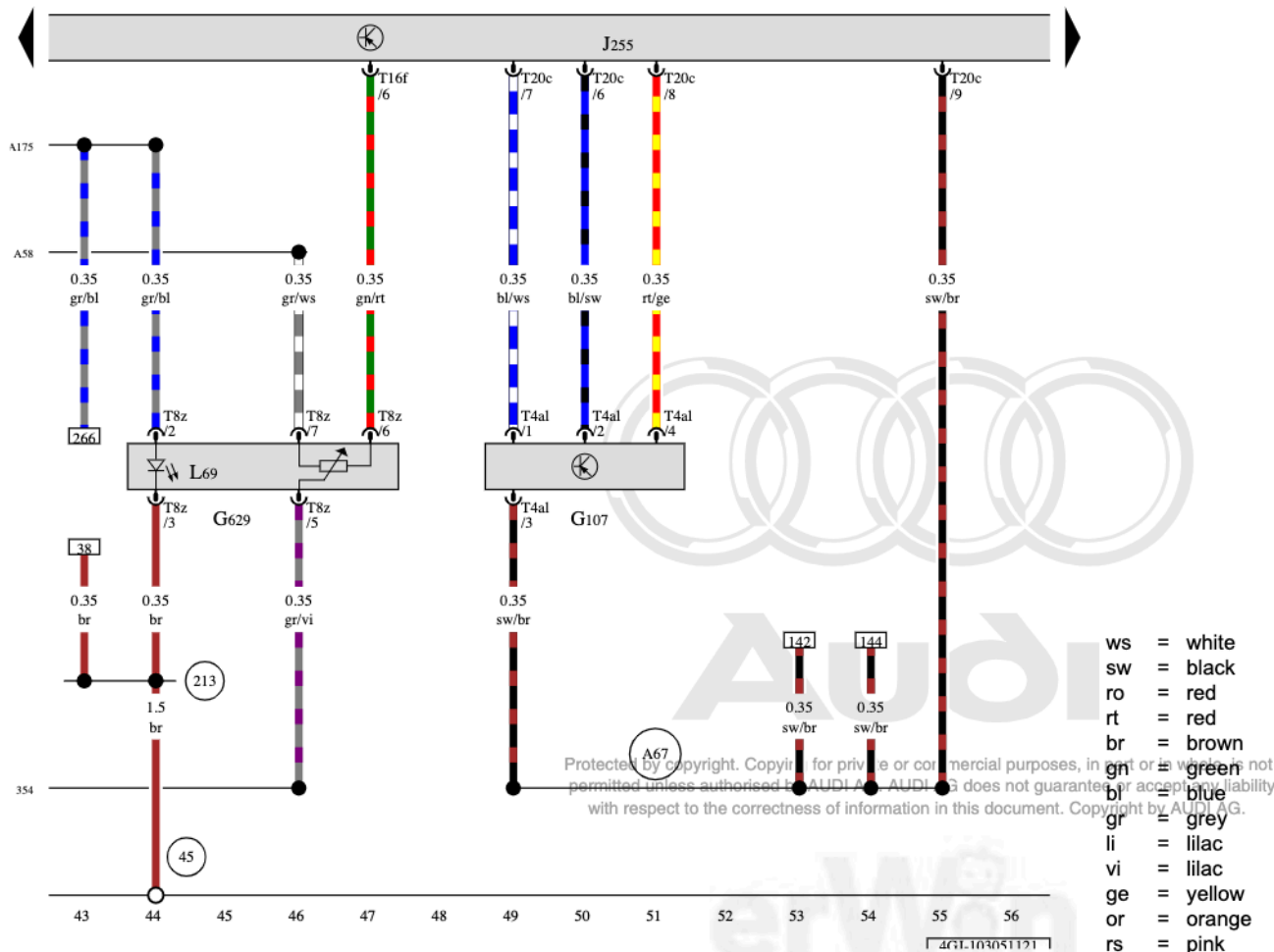
- 45 Ground Connection Behind Instrument Panel, Center
- 199 Ground Connection 3 (in Instrument Panel Wiring Harness)
- 354 Ground Connection 6 (in Instrument Panel Wiring Harness)
- A58 5 Volt Connection (in Instrument Cluster Wiring Harness)
- A175 Connection 58s (in Instrument Panel Wiring Harness)



Sunlight Photo Sensor, Position Sensor in Right Side Vent, Climatronic Control Module

- G107 Sunlight Photo Sensor
- G629 Position Sensor in Right Side Vent
- J255 Climatronic Control Module
- L69 Right Instrument Panel Vent Illumination Bulb
- T4al 4-Pin Connector
- T8z 8-Pin Connector
- T16f 16-Pin Connector
- T20c 20-Pin Connector

- 45 Ground Connection Behind Instrument Panel, Center
- 213 Ground Connection (in Instrument Panel Wiring Harness)
- 354 Ground Connection 6 (in Instrument Panel Wiring Harness)
- A58 5 Volt Connection (in Instrument Cluster Wiring Harness)
- A67 A/C System Connection (31) (in Instrument Panel Wiring Harness)
- A175 Connection 58s (in Instrument Panel Wiring Harness)

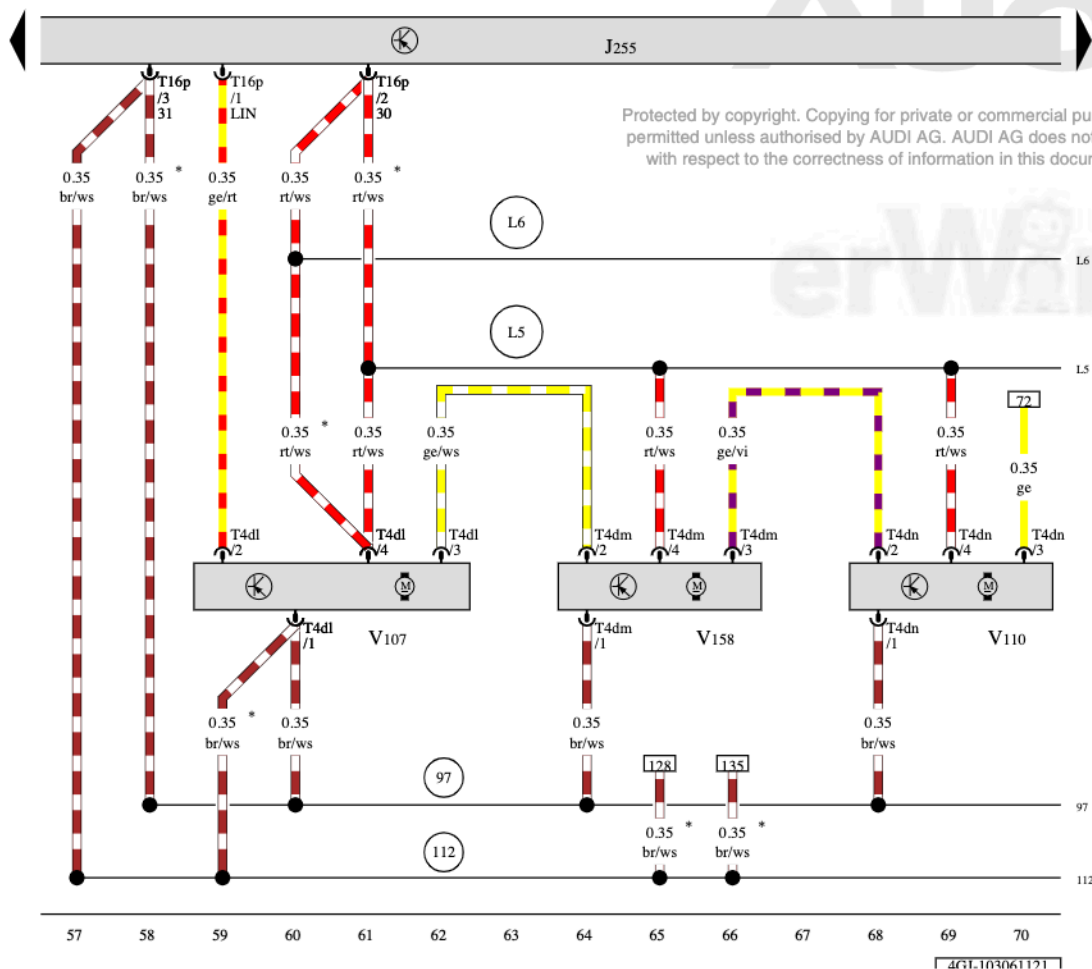


Climatronic Control Module, Defroster Door Motor, Left Center Vent Motor, Left Temperature Control Door Motor

J255 Climatronic Control Module  
 T4dl 4-Pin Connector  
 T4dm 4-Pin Connector  
 T4dn 4-Pin Connector  
 T16p 16-Pin Connector  
 V107 Defroster Door Motor  
 V110 Left Center Vent Motor  
 V158 Left Temperature Control Door Motor

- 97 Ground Connection 1 (in A/C Wiring Harness)
- 112 Ground Connection 2 (in A/C Wiring Harness)
- L5 Connection 1 (in A/C Unit Wiring Harness)
- L6 Connection 2 (in A/C Unit Wiring Harness)

\* For RHD Vehicles

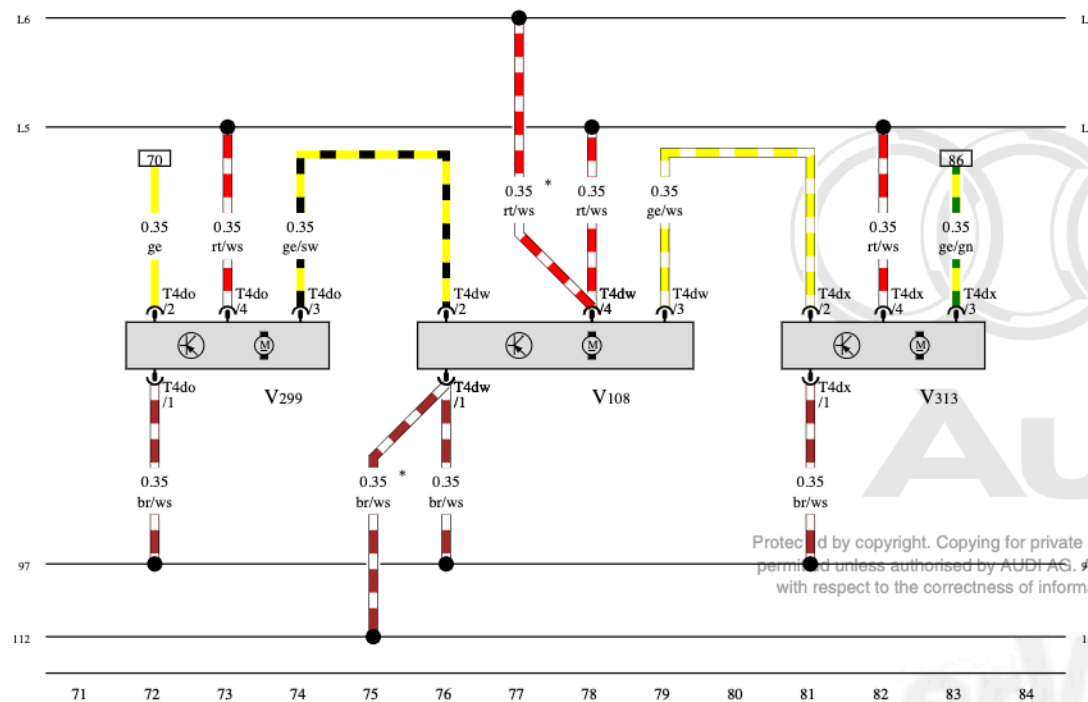


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Climatronic Control Module, Left Footwell Door Motor, Left Side Vent Adjustment Motor, Left Rear Temperature Control Door Motor

- J255 Climatronic Control Module
- T4do 4-Pin Connector
- T4dw 4-Pin Connector
- T4dx 4-Pin Connector
- V108 Left Footwell Door Motor
- V299 Left Side Vent Adjustment Motor
- V313 Left Rear Temperature Control Door Motor

- 97 Ground Connection 1 (in A/C Wiring Harness)
- 112 Ground Connection 2 (in A/C Wiring Harness)
- L5 Connection 1 (in A/C Unit Wiring Harness)
- L6 Connection 2 (in A/C Unit Wiring Harness)
- \* For RHD Vehicles



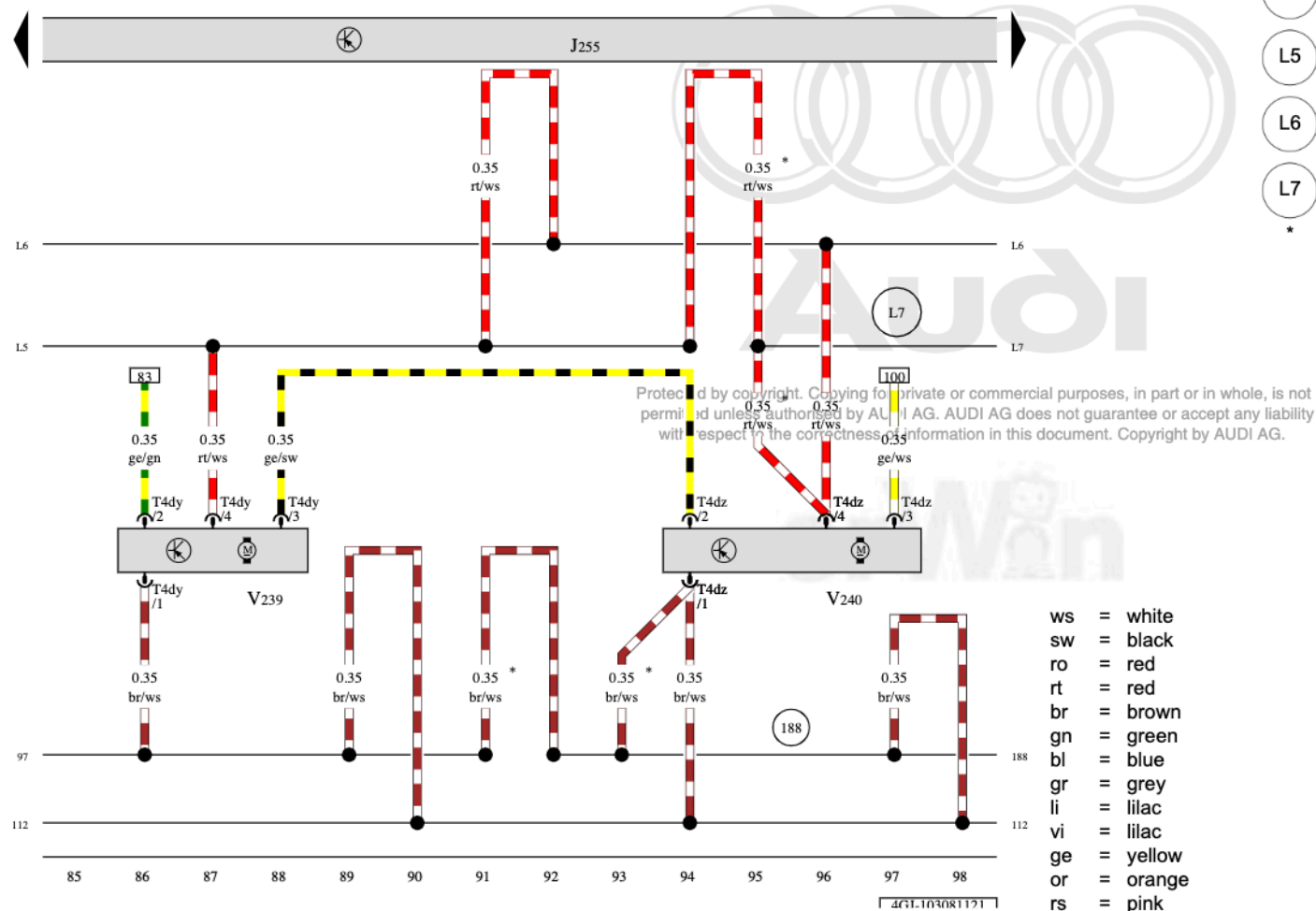
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Climatronic Control Module, Left Rear Air Door Motor, Right Rear Air Door Motor

J255 Climatronic Control Module  
T4dy 4-Pin Connector  
T4dz 4-Pin Connector  
V239 Left Rear Air Door Motor  
V240 Right Rear Air Door Motor

- 97 Ground Connection 1 (in A/C Wiring Harness)
- 112 Ground Connection 2 (in A/C Wiring Harness)
- 188 Ground Connection 3 (in A/C Wiring Harness)
- L5 Connection 1 (in A/C Unit Wiring Harness)
- L6 Connection 2 (in A/C Unit Wiring Harness)
- L7 Connection 3 (in A/C Unit Wiring Harness)

\* For RHD Vehicles



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# Climatronic Control Module, Right Side Vent Adjustment Motor

J255 Climatronic Control Module  
T4dq 4-Pin Connector  
T4ea 4-Pin Connector  
T4eb 4-Pin Connector  
V109 Right Footwell Door Motor  
V300 Right Side Vent Adjustment Motor  
V314 Right Rear Temperature Control Door Motor

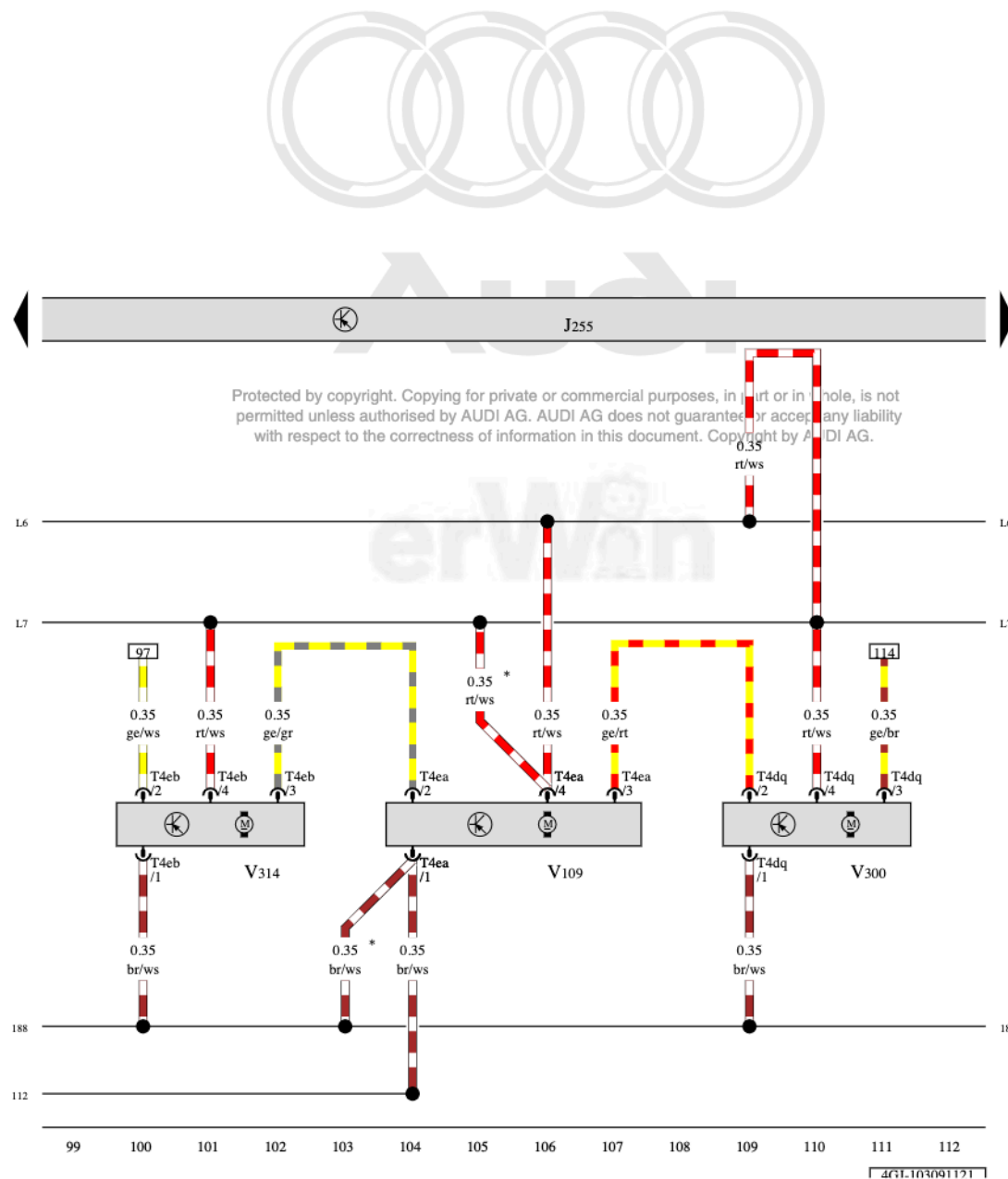
112 Ground Connection 2 (in A/C Wiring Harness)

188 Ground Connection 3 (in A/C Wiring Harness)

L6 Connection 2 (in A/C Unit Wiring Harness)

L7 Connection 3 (in A/C Unit Wiring Harness)

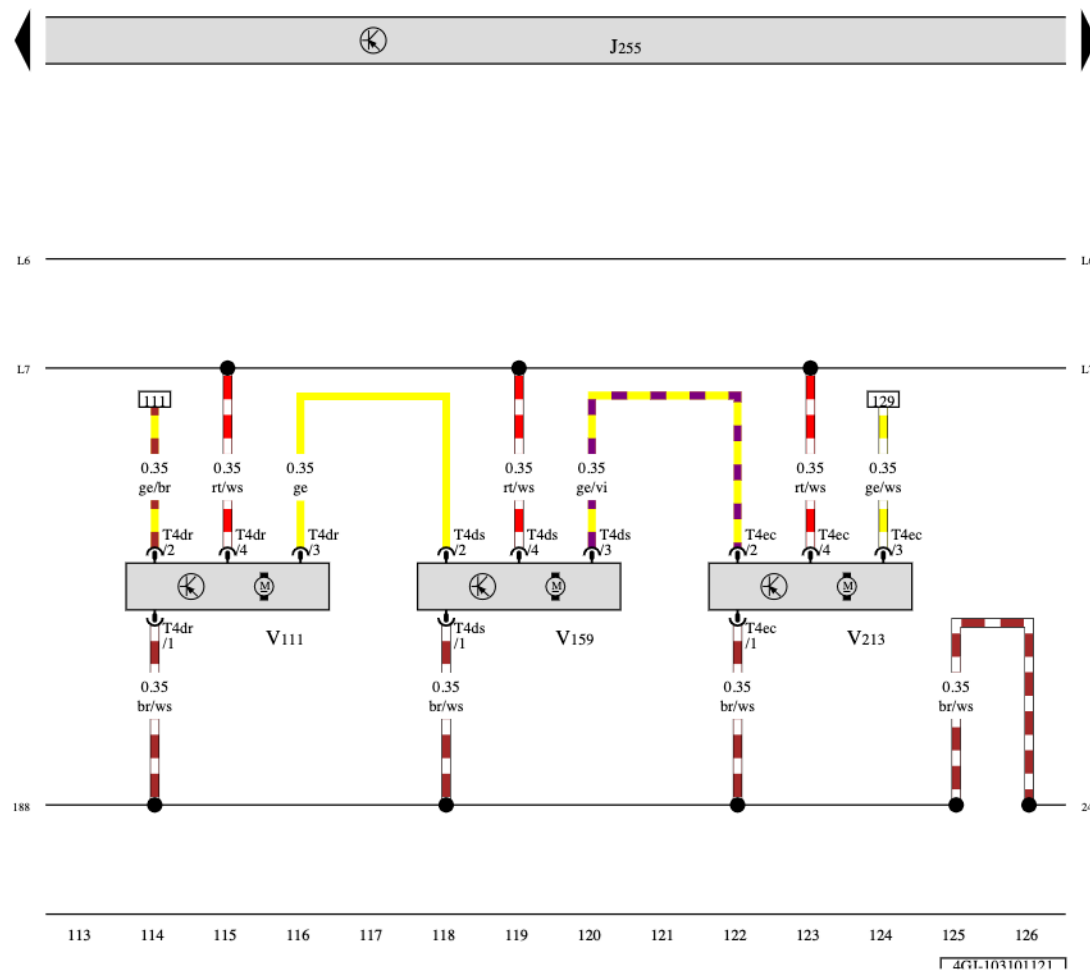
\* For RHD Vehicles



Climatronic Control Module, Right Center Vent Motor, Right Temperature Control Door Motor, Indirect Ventilation Door Motor

- J255 Climatronic Control Module
- T4dr 4-Pin Connector
- T4ds 4-Pin Connector
- T4ec 4-Pin Connector
- V111 Right Center Vent Motor
- V159 Right Temperature Control Door Motor
- V213 Indirect Ventilation Door Motor

- 188 Ground Connection 3 (in A/C Wiring Harness)
- 243 Ground Connection 1 (in Climatronic Wiring Harness)
- L6 Connection 2 (in A/C Unit Wiring Harness)
- L7 Connection 3 (in A/C Unit Wiring Harness)



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Climatronic Control Module, Back Pressure Door Motor, Recirculation Door Motor

J255 Climatronic Control Module  
T4dt 4-Pin Connector  
T4du 4-Pin Connector  
V71 Back Pressure Door Motor  
V113 Recirculation Door Motor

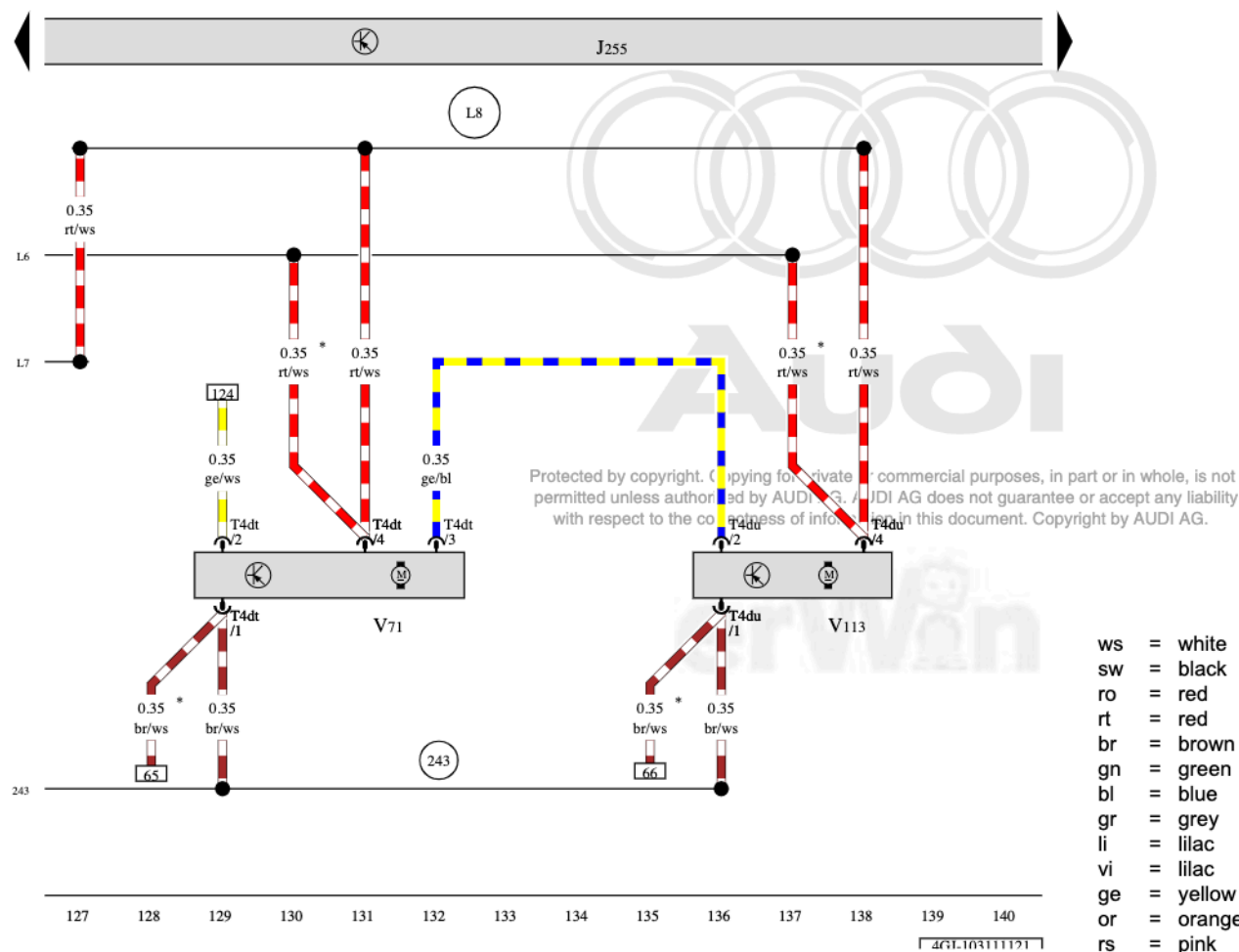
243 Ground Connection 1 (in Climatronic Wiring Harness)

L6 Connection 2 (in A/C Unit Wiring Harness)

L7 Connection 3 (in A/C Unit Wiring Harness)

L8 Connection 4 (in A/C Unit Wiring Harness)

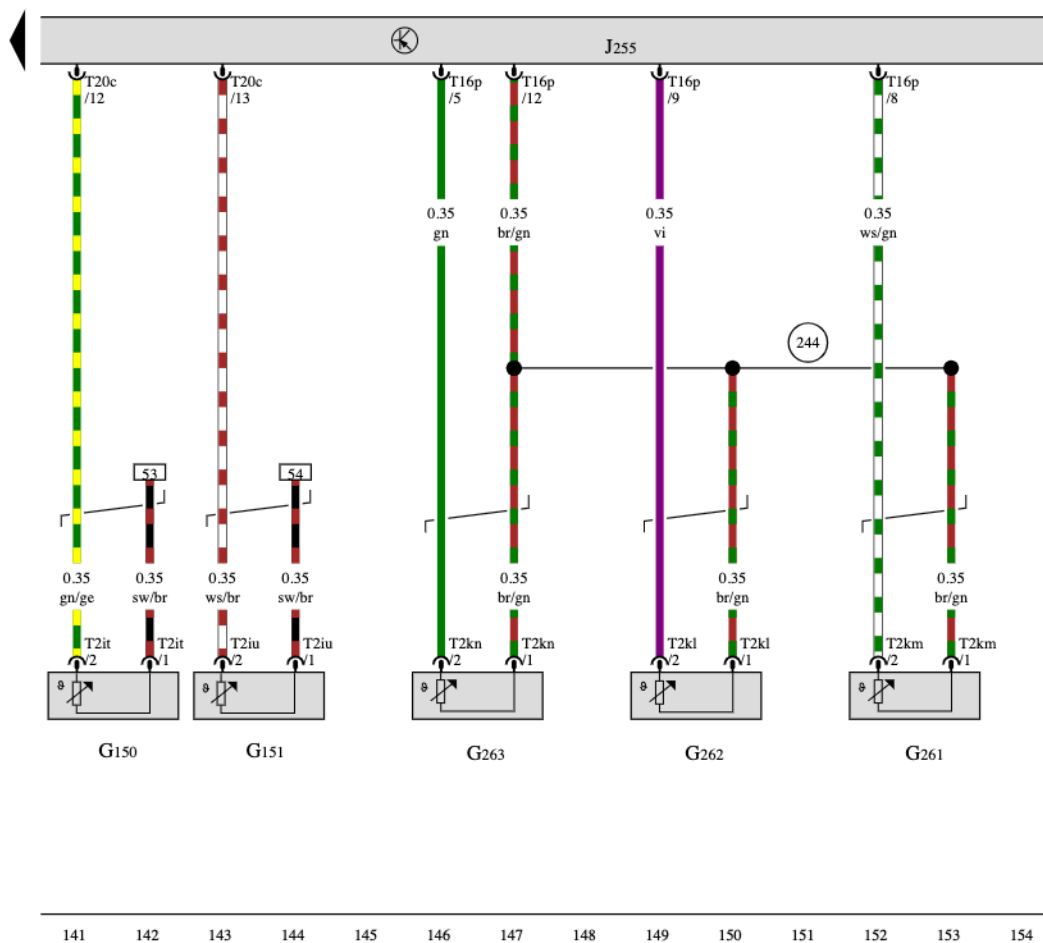
\* For RHD Vehicles



Left Vent Temperature Sensor, Left Footwell Vent Temperature Sensor, Evaporator Vent Temperature Sensor, Climatronic Control Module

- G150 Left Vent Temperature Sensor
- G151 Right Vent Temperature Sensor
- G261 Left Footwell Vent Temperature Sensor
- G262 Right Footwell Vent Temperature Sensor
- G263 Evaporator Vent Temperature Sensor
- J255 Climatronic Control Module
- T2it 2-Pin Connector
- T2iu 2-Pin Connector
- T2kl 2-Pin Connector
- T2km 2-Pin Connector
- T2kn 2-Pin Connector
- T16p 16-Pin Connector
- T20c 20-Pin Connector

244 Sensor Ground Connection (in Climatronic Wiring Harness)



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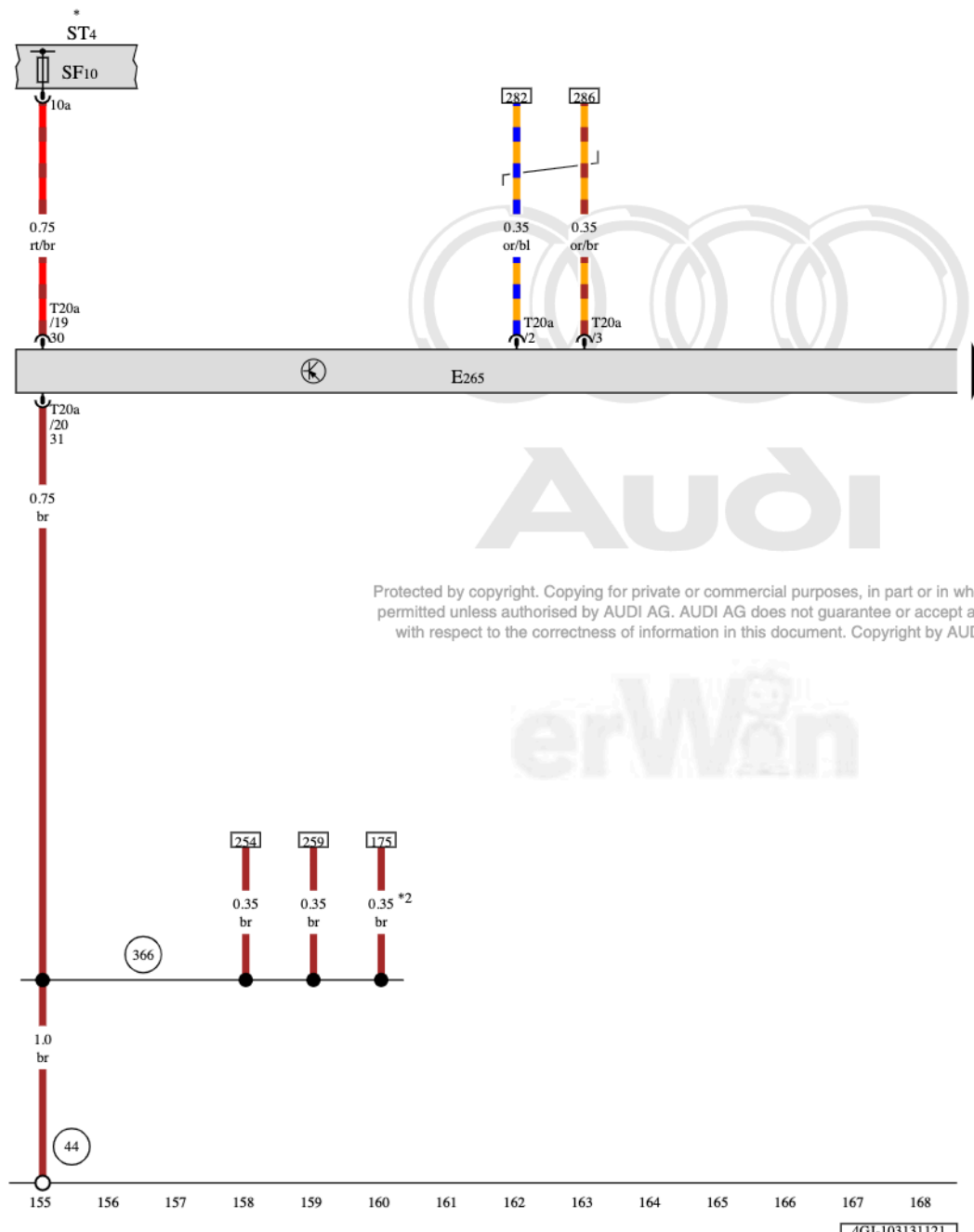
# Rear A/C Display Control Head

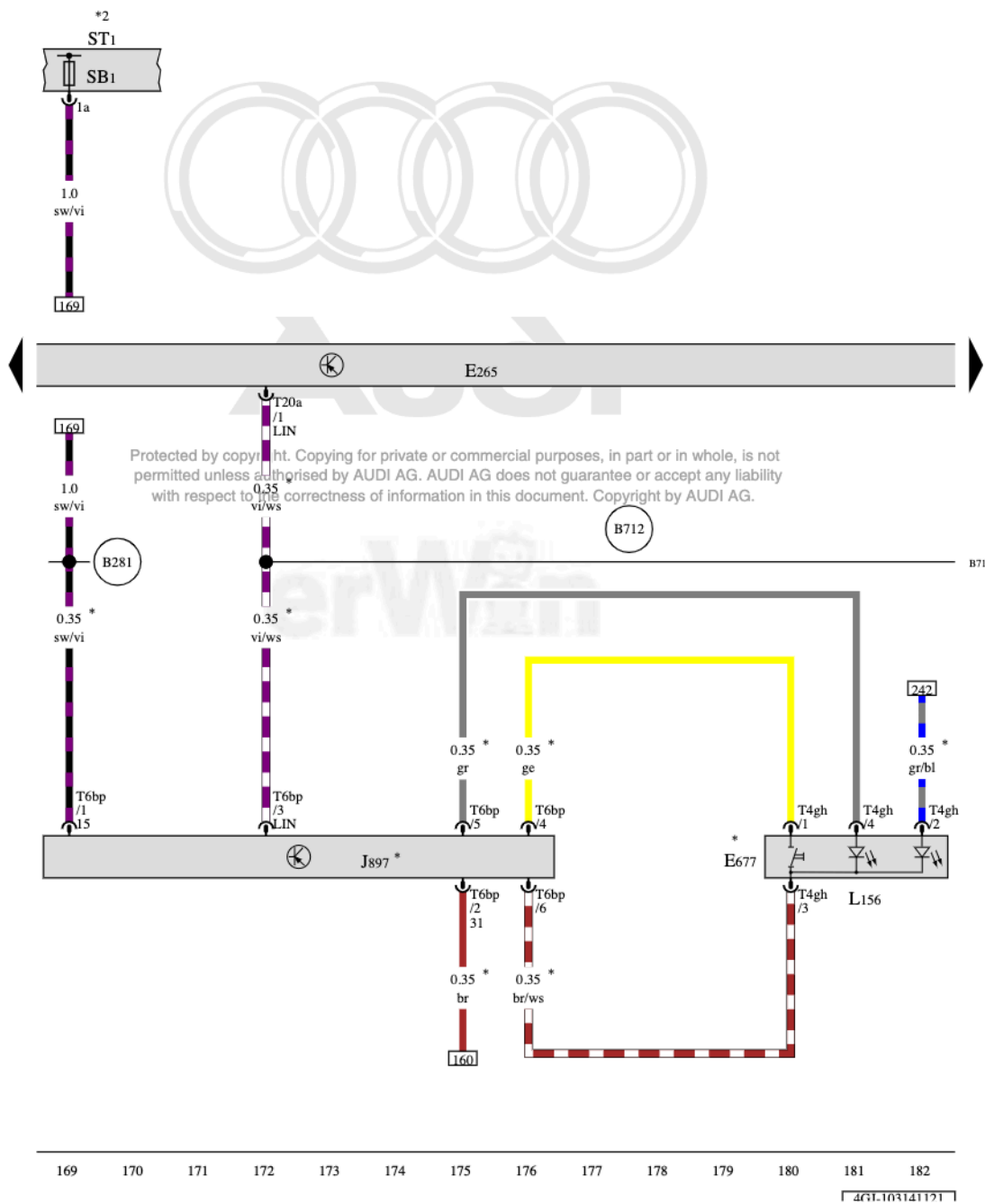
E265 Rear A/C Display Control Head  
ST4 Fuse Panel 4  
SF10 Fuse 10 (On Fuse Panel F)  
T20a 20-Pin Connector

44 Ground Connection on A-Pillar, Lower Left

366 Ground Connection 1 (in Main Wiring Harness)

\* Refer to Applicable Wiring Diagram for Fuse Positions  
\*2 For Vehicles with China Equipment





## Rear A/C Display Control Head, Ionizer Button, Ionizer Control Module

- E265 Rear A/C Display Control Head
- E677 Ionizer Button, On the Right B-Pillar
- J897 Ionizer Control Module
- L156 Switch Illumination Bulb
- ST1 Fuse Panel 1
- SB1 Fuse 1 (On Fuse Panel B)
- T4gh 4-Pin Connector, Black
- T6bp 6-Pin Connector
- T20a 20-Pin Connector

B281 Positive Connection 5 (15a) (in Main Wiring Harness)

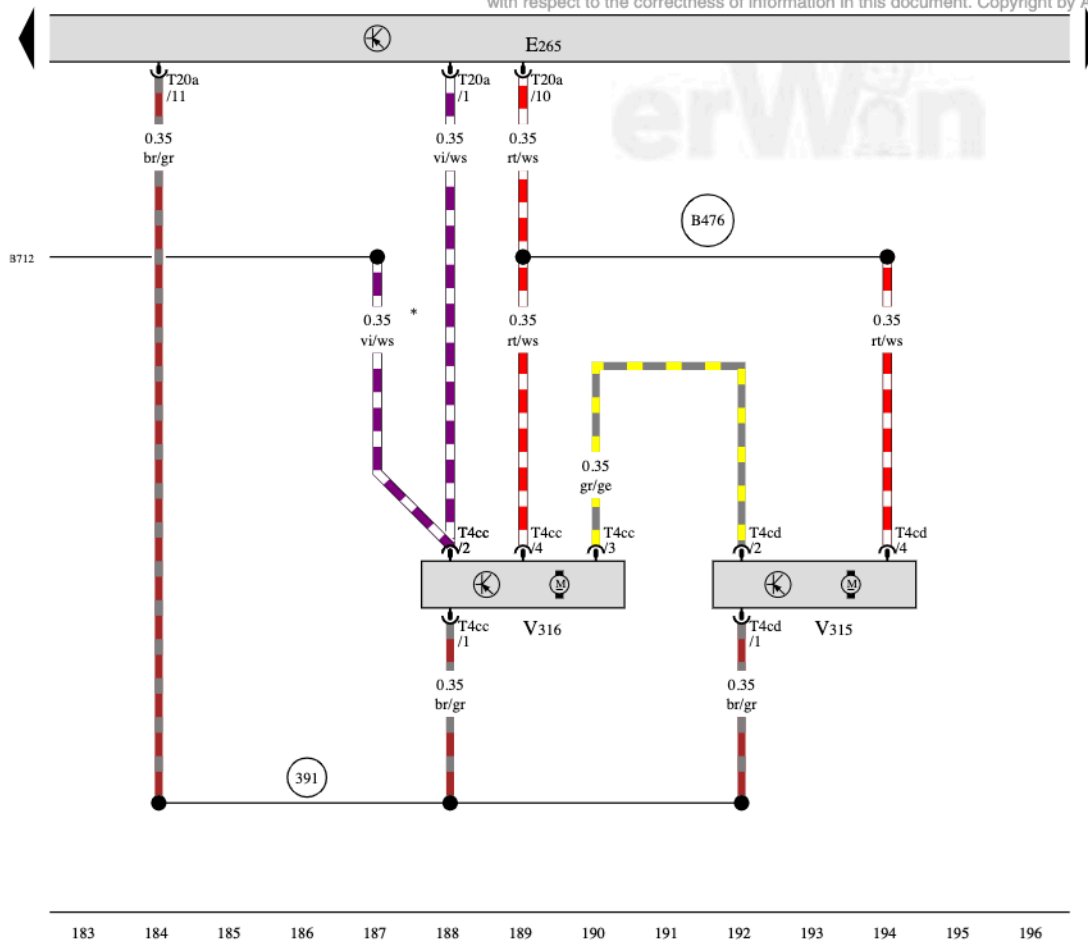
B712 LIN Bus Connection 7 (in Main Wiring Harness)

\* For Vehicles with China Equipment

\*2 Refer to Applicable Wiring Diagram for Fuse Positions

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# Rear A/C Display Control Head, Left Rear Upper Body Vent Adjustment Motor, Right Rear Upper Body Vent Adjustment Motor

- E265 Rear A/C Display Control Head
- T4cc 4-Pin Connector
- T4cd 4-Pin Connector
- T20a 20-Pin Connector
- V316 Left Rear Upper Body Vent Adjustment Motor
- V315 Right Rear Upper Body Vent Adjustment Motor

391 Ground Connection 26 (in Main Wiring Harness)

B476 Connection 12 (in Main Wiring Harness)

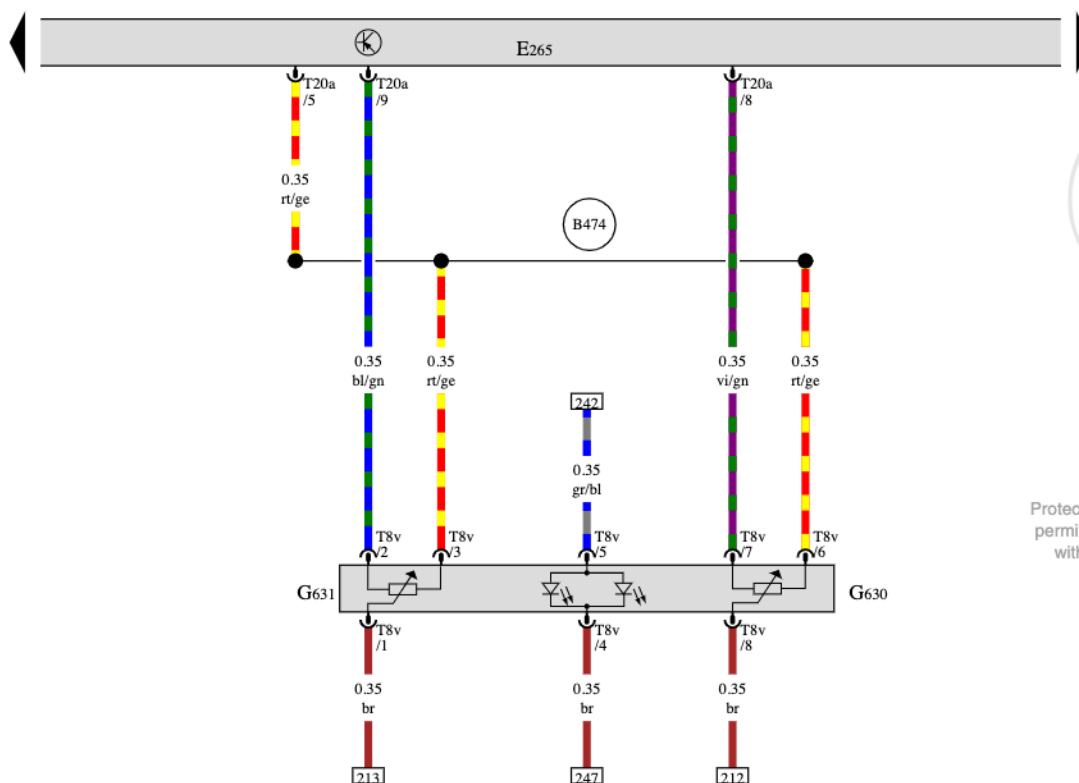
B712 LIN Bus Connection 7 (in Main Wiring Harness)

\* For Vehicles with China Equipment

Rear A/C Display Control Head, Position Sensor in Left Rear Upper Body Vent, Position Sensor in Right Rear Upper Body Vent

E265 Rear A/C Display Control Head  
G630 Position Sensor in Left Rear Upper Body Vent  
G631 Position Sensor in Right Rear Upper Body Vent  
T8v 8-Pin Connector  
T20a 20-Pin Connector

B474 Connection 10 (in Main Wiring Harness)



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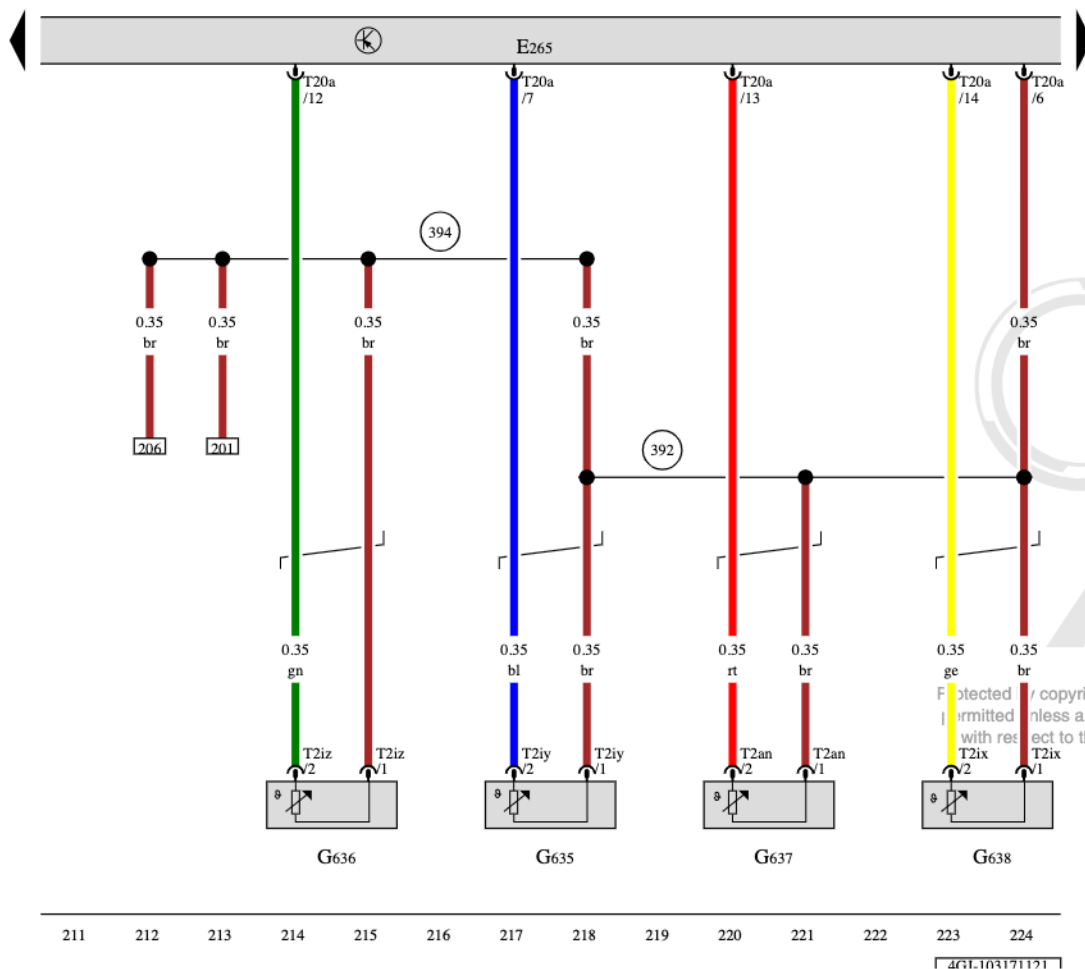


Rear A/C Display Control Head, Left Rear Upper Body Vent Temperature Sensor, Left Rear Footwell Vent Temperature Sensor

- E265 Rear A/C Display Control Head
- G635 Left Rear Upper Body Vent Temperature Sensor
- G636 Right Rear Upper Body Vent Temperature Sensor
- G637 Left Rear Footwell Vent Temperature Sensor
- G638 Right Rear Footwell Vent Temperature Sensor
- T2an 2-Pin Connector
- T2ix 2-Pin Connector
- T2iy 2-Pin Connector
- T2iz 2-Pin Connector
- T20a 20-Pin Connector

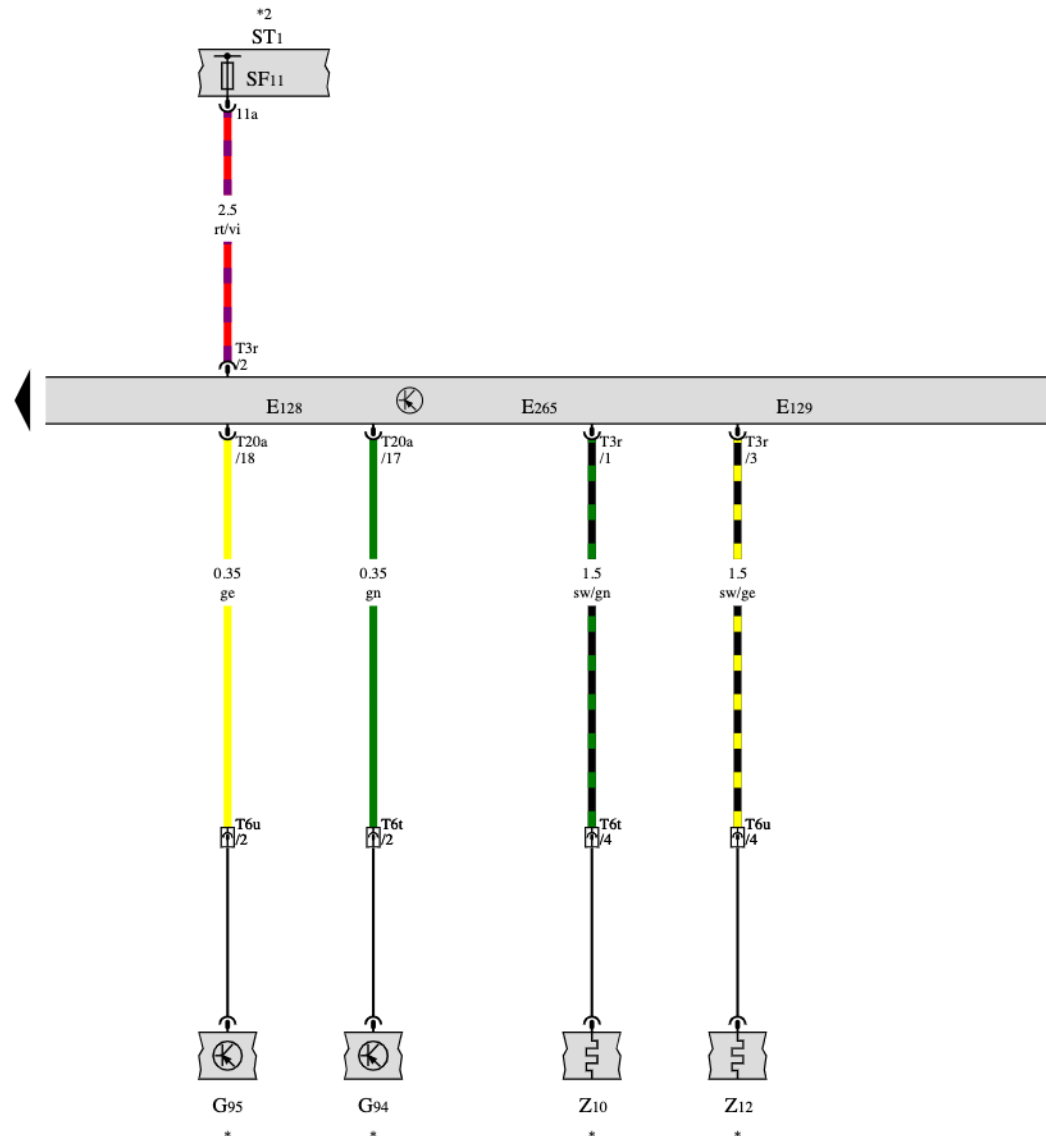
392 Ground Connection 27 (in Main Wiring Harness)

394 Ground Connection 29 (in Main Wiring Harness)



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Left Rear Heated Seat Regulating Switch, Right Rear Heated Seat Regulating Switch, Rear A/C Display Control Head

- E128 Left Rear Heated Seat Regulating Switch
- E129 Right Rear Heated Seat Regulating Switch
- E265 Rear A/C Display Control Head
- G94 Left Rear Heated Seat Temperature Sensor
- G95 Right Rear Heated Seat Temperature Sensor
- ST1 Fuse Panel 1
- SF11 Fuse 11 (On Fuse Panel F)
- T3r 3-Pin Connector
- T6t 6-Pin Connector, In the Coupling Point for the Left Rear Seat
- T6u 6-Pin Connector, In the Coupling Point for the Right Rear Seat
- T20a 20-Pin Connector
- Z10 Left Rear Bench Seat Heating Element
- Z12 Right Rear Bench Seat Heating Element
- \* Refer to the Applicable Heated Seats Wiring Diagram
- \*2 Refer to Applicable Wiring Diagram for Fuse Positions



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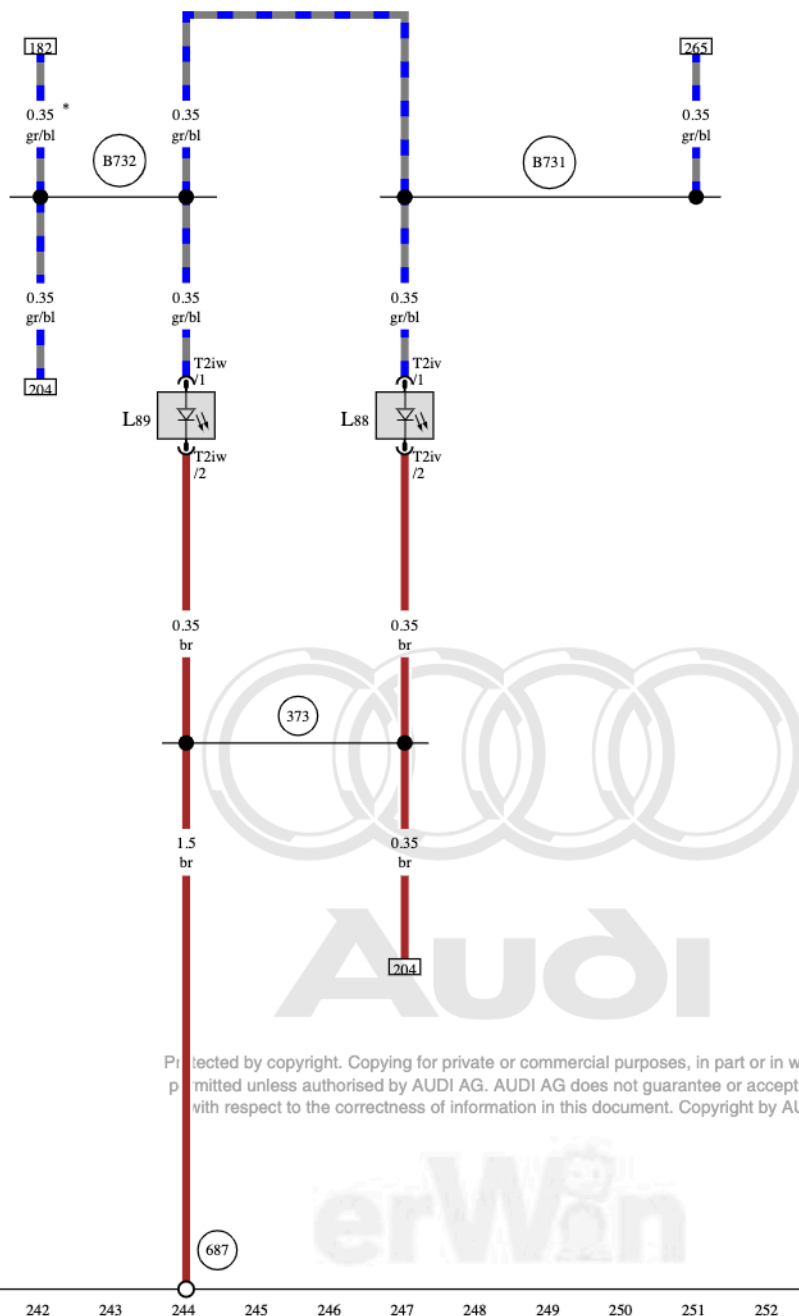
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# Left Rear Air Vent Illumination Bulb, Right Rear Air Vent Illumination Bulb

- L88 Left Rear Air Vent Illumination Bulb
- L89 Right Rear Air Vent Illumination Bulb
- T2iv 2-Pin Connector
- T2iw 2-Pin Connector

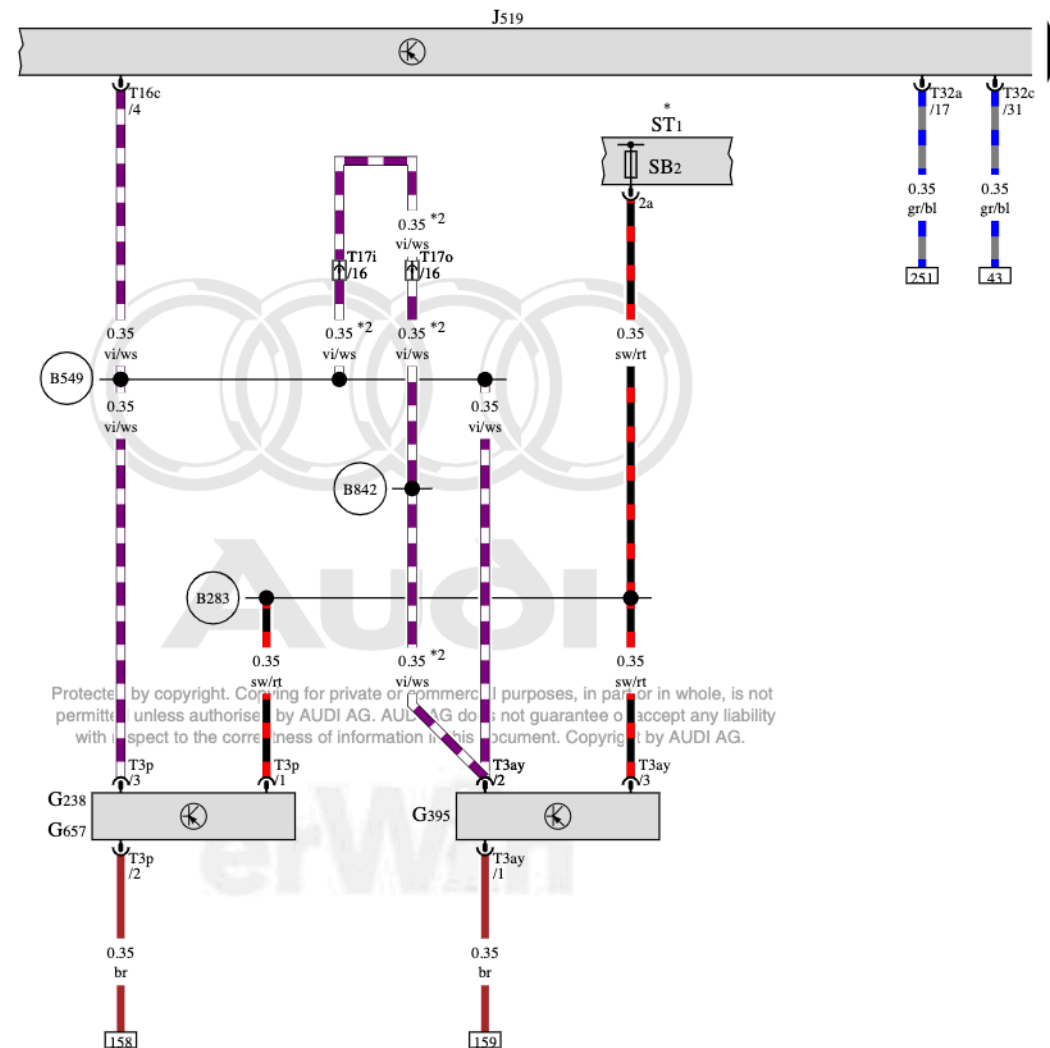
- 373 Ground Connection 8 (in Main Wiring Harness)
- 687 Ground Connection 1 on Center Tunnel
- B731 Connection 58s (in Main Wiring Harness) 1
- B732 Connection 58s (in Main Wiring Harness) 2

\* For Vehicles with China Equipment



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# Air Quality Sensor, A/C Pressure/Temperature Sensor, Humidity Sensor in Fresh Air Intake Duct, Vehicle Electrical System Control Module

- G238 Air Quality Sensor
- G395 A/C Pressure/Temperature Sensor
- G657 Humidity Sensor in Fresh Air Intake Duct
- J519 Vehicle Electrical System Control Module
- ST1 Fuse Panel 1
- SB2 Fuse 2 (On Fuse Panel B)
- T3ay 3-Pin Connector
- T3p 3-Pin Connector
- T16c 16-Pin Connector
- T17i 17-Pin Connector, In the Left A-Pillar Connector Station, Black
- T17o 17-Pin Connector, In the Connector Station, Right A-Pillar, Black
- T32a 32-Pin Connector
- T32c 32-Pin Connector

B283 Positive Connection 7 (15a) (in Main Wiring Harness)

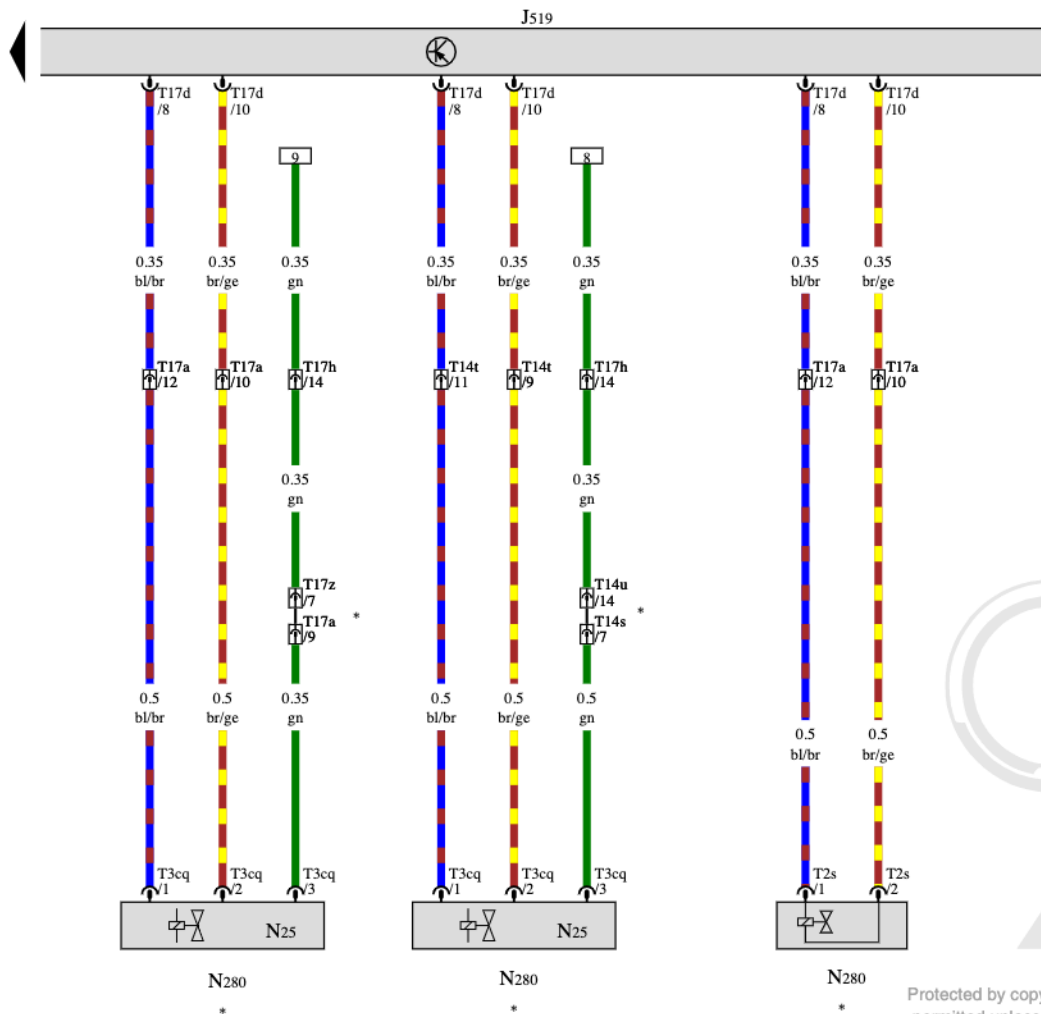
B549 LIN Bus Connection 2 (in Main Wiring Harness)

B842 LIN Bus Connection 8 (in Main Wiring Harness)

\* Refer to Applicable Wiring Diagram for Fuse Positions  
\*2 For RHD Vehicles

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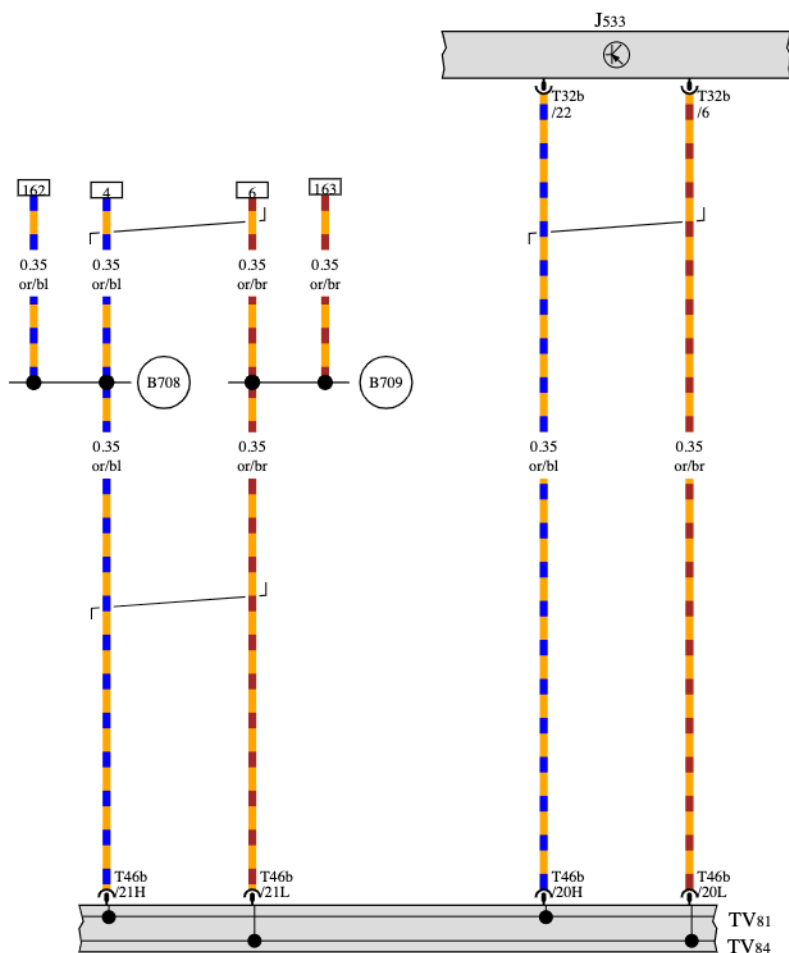
Vehicle Electrical System Control Module, A/C  
Compressor Regulator Valve



- J519 Vehicle Electrical System Control Module
- N25 A/C Clutch
- N280 A/C Compressor Regulator Valve
- T2s 2-Pin Connector
- T3cq 3-Pin Connector
- T14s 14-Pin Connector, Left Plenum Chamber E-Box Connector Station, Brown
- T14t 14-Pin Connector, Left Plenum Chamber E-Box Connector Station, Black
- T14u 14-Pin Connector, Left Plenum Chamber E-Box Connector Station, Black
- T17a 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, White
- T17d 17-Pin Connector
- T17h 17-Pin Connector, In the Left A-Pillar Connector Station, Red
- T17z 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, Brown
- \* Depending on Equipment

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## Data Bus on Board Diagnostic Interface, Instrument Cluster CAN Bus High Wire Junction 2

- J533 Data Bus on Board Diagnostic Interface
- T32b 32-Pin Connector
- T46b 46-Pin Connector
- TV81 Instrument Cluster CAN Bus High Wire Junction 2, On the Relay and Fuse Panel in the Luggage Compartment, Right
- TV84 Instrument Cluster CAN Bus Low Wire Junction 2
- B708 Instrument Cluster CAN Bus High Connection 1 (in Main Wiring Harness)
- B709 Instrument Cluster CAN Bus Low Connection 1 (in Main Wiring Harness)

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